



P24532.A01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Toyoji GUSHIMA et al.

Group Art Unit: 2652

Appl. No. : 10/702,618

Examiner: Unknown

Filed : November 7, 2003

For : PLAYBACK METHOD, PLAYBACK CONTROL CIRCUIT AND  
PLAYBACK APPARATUS FOR A RECORDING MEDIUM

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §1.97-1.98,  
Applicants hereby call the following documents to the Examiner's attention:

Japanese Laid-Open Patent Publication No. HEI 11-176081, which was published on  
July 2, 1999, together with an English language Abstract of the same. Applicants note that  
this document is discussed in the paragraph bridging pages 3 and 4 of the specification of the  
above-captioned application, and that U.S. Patent No. 6,236,631 to DEGUCHI et al., which  
issued on May 22, 2001, is a patent family member;

Japanese Laid-Open Patent Publication No. SHO 63-157372, which was published  
on June 30, 1988, together with an English language Abstract of the same. Applicants note

that this document is discussed in the paragraph bridging pages 4 and 5 of the specification of the above-captioned application;

An English language translation of Japanese Laid-Open Patent Publication No. 2001-515642, which was published on September 18, 2001. Applicants note that this document is discussed on page 5 of the specification of the above-captioned application, and that U.S. Patent No. 6,378,100 to VAN DIJK et al., which issued on April 23, 2002, is a patent family member;

U.S. Patent No. 5,655,050 to YAMAMOTO et al., which issued on August 5, 1997;

U.S. Patent No. 5,732,066 to MORIYA et al., which issued on March 24, 1998;

An article entitled "Optical Disc System For Digital Video Recording" by T. NARAHARA et al., published in Part of the Joint International Symposium on Optical Memory and Optical Data Storage 1999, Vol. 3864, pages 50-52, Koloa, Hawaii, July, 1999. Applicants note that this document is cited on page 5 of the above-captioned application; and

An article entitled "Error Modeling and Performance Analysis of Error Correcting Codes for the Digital Video Recording System" by K. YAMAMOTO et al., published in Part of the Joint International Symposium on Optical Memory and Optical Data Storage 1999, Vol. 3864, pages 339-341, Koloa, Hawaii, July, 1999. Applicants note that this document is cited on page 5 of the above-captioned application.

Further to the U.S. Patent and Trademark Office's decision to waive the requirement under 37 C.F.R. §1.98(a)(2)(i), copies of the U.S. patents are not enclosed herewith. However, if any copies are needed, the Examiner is respectfully requested to contact the undersigned. Copies of the other documents are enclosed.

Applicants respectfully request that the Examiner consider and cite the patent documents. Copies of the Japanese patent documents are attached hereto, and all of the documents are listed on a PTO-1449 Form, which is also attached hereto. The Examiner is requested to initial the appropriate spaces on the attached PTO-1449 Form and to return a copy of the Form to the Applicants with the next official communication in the present application to confirm consideration of these documents.

Applicants also bring to the Examiner's attention the following co-pending and commonly assigned patent application:

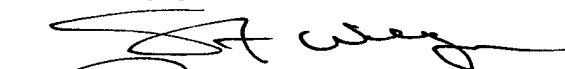
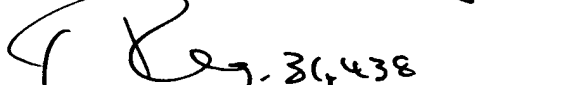
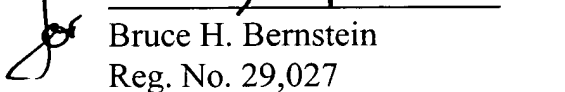
U.S. Patent Application No. 09/743,795 to TOSAKI et al., entitled "Optical Disk, and Recording/Reproducing Apparatus and Recording Method for Optical Disk," which was filed on March 22, 2001.

In accordance with 37 C.F.R. § 1.98(a)(2)(iii), a copy of the above-mentioned application is attached hereto. The Examiner is also requested to review the file wrapper of this U.S. patent application at the U.S. Patent and Trademark Office and the references of record, if any, cited therein.

Applicants note that an Office Action on the merits has not issued in the instant application, and thus no fee is believed necessary to ensure consideration of the submitted materials. However, if an Office Action on the merits has issued, and is crossing this statement in the mail, the undersigned hereby authorizes the Commissioner to charge any fee necessary for the consideration of this statement, including any payment under 37 C.F.R. § 1.17(p), to the undersigned's Deposit Account No. 19-0089.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,  
Toyoji GUSHIMA et al.

  
  
  
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Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P24532Serial No.  
10/702,618INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant  
Toyoji GUSHIMA et alFiling Date  
November 7, 2003Group  
2652

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 6 5 5 0 5 0	08/05/97	YAMAMOTO et al			
	5 7 3 2 0 6 6	03/24/98	MORIYA et al			
	6 2 3 6 6 3 1	05/22/01	DEGUCHI et al			
	6 3 7 8 1 0 0	04/23/02	VAN DIJK et al			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
1	1 - 1 7 6 0 8 1	07/02/99	JAPAN ✓			
6	3 - 1 5 7 3 7 2	06/30/88	JAPAN ✓			
200	1 - 5 1 5 6 4 2	09/18/01	JAPAN ✓			X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	English Language Abstract JP11-176081.
2	English Language Abstract JP63-157372.
3	An article entitled "Optical Disc System For Digital Video Recording" by T. NARAHARA et al., published in <u>Part of the Joint International Symposium on Optical Memory and Optical Data Storage 1999</u> , Vol. 3864, pages 50-52, Koloa, Hawaii, July, 1999.
4	An article entitled "Error Modeling and Performance Analysis of Error Correcting Codes for the Digital Video Recording System" by K. YAMAMOTO et al., published in <u>Part of the Joint International Symposium on Optical Memory and Optical Data Storage 1999</u> , Vol. 3864, pages 339-341, Koloa, Hawaii, July, 1999.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.